

RECEIVED  
CENTRAL FAX CENTER  
JUN 04 2009

ATTY.DKT.28951.5379

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Serial No. 10/529,036

Now U.S. Patent 7,421,774

Issue Date: September 9, 2008

Akihiko YAMAZAKI et al

Title: WINDING METHOD FOR STATOR OF MOTOR

VIA FACSIMILE  
(571) 273-8300  
ATTN: Office of Petitions

REFILING OF DECEMBER 30, 2008  
REQUEST UNDER 37 CFR 3.81(b)  
TO CORRECT ASSIGNEE NAME  
ON ISSUED PATENT

Office of Petitions  
Commissioner for Patents  
U.S. Patent & Trademark Office  
Alexandria, VA 22313-1450

Patentees hereby again request a Certificate of Correction to correct the co-assignees' names on U.S. Patent 7,421,774, as previously requested on September 18, 2008 and December 30, 2008.

Attached hereto as Exhibit I is a true copy of patentees' attorneys' file copy of a REQUEST UNDER 37 CFR 3.81(b) TO CORRECT ASSIGNEE NAME ON ISSUED PATENT, with Appendices A-C, all duly filed in the USPTO, via facsimile, on December 30, 2008, as further proven by Exhibit II, a true copy of patentees' attorneys' facsimile report which indicates that all seven pages were successfully sent ("OK") to the USPTO.

Also attached as Exhibit III is a copy of the USPTO's PAIR Transmission History of this application Serial No. 10/529,036 which does not indicate USPTO docketing of patentees' December 30, 2008 Request.

Attorney Docket No. 28951.5379

Patentees' attached December 30, 2008 Request was fully in compliance with 37 CFR 3.81(b). Patentees therefore respectfully request (1) prompt USPTO acknowledgement of the receipt and docketing of this request, (2) prompt grant of patentees' request, and (3) prompt forwarding of the official file of this patent to the Certificate of Corrections Branch for prompt issue of the duly requested Certificate of Correction.

Respectfully submitted,



Roger W. Parkhurst  
Registration No. 25,177

June 4, 2009

STEPTOE & JOHNSON LLP  
1330 Connecticut Avenue, NW  
Washington, DC 20036-1795  
Tel: (202) 429-6420

Attachments: Exhibits I-III

JUN 04 2009

ATTY.DKT.28951.5379

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent of

Akihiko YAMAZAKI et al

Patent No.: 7,421,774

Issue Date: September 9, 2008

Title: WINDING METHOD FOR STATOR OF MOTOR

VIA FACSIMILE

(571) 273-8300

ATTN: Office of Petitions

REQUEST UNDER 37 CFR 3.81(b)  
TO CORRECT ASSIGNEE NAME  
ON ISSUED PATENT

Office of Petitions  
Commissioner for Patents  
U.S. Patent & Trademark Office  
Alexandria, VA 22313-1450

Pursuant to 37 CFR 3.81(b), and responsive to the 10-06-08 (apparently) letter received October 8, 2008 from the Correction Branch, patentees, by their undersigned attorney, hereby respectfully request correction of the assignee name on U.S. Patent 7,421,774, a copy of the first page of which is attached hereto as Appendix A.

Also attached hereto as Appendix B is a copy of the Request for Certificate of Correction Pursuant to 37 CFR 1.323, filed September 18, 2008.

The PTO is hereby authorized to charge the 37 CFR 1.117(h) fee (currently \$130), and any other applicable fees, to patentees' attorneys' deposit account no. 19-4293. We note that the fee for the Request for Certificate of Correction was previously authorized (see Appendix B).

EXHIBIT I

Attorney Docket No. 28951.5379

It is hereby stated that the failure to include the correct assignee name on the Form PTOL-85B, filed July 11, 2008, was inadvertent.

Also attached hereto as Appendix C is a copy of the March 27, 2008 Notice of Recordation of Assignment Document showing the relevant 4 pages to be recorded at Reel 020713, Frame 0369.

Patentees/Petitioners hereby again request that the Certificate of Correction (see Appendix B) be issued.

Patentees/Petitioners also hereby request that the official file of this patent be forwarded to the Certificate of Correction Branch for issuance of the Certificate of Correction.

Should anyone in the PTO have any question about this request, they are invited to telephone patentees' attorney at the number listed below.

Respectfully submitted,



Roger W. Parkhurst  
Registration No. 25,177

December 30, 2008

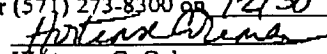
STEPTOE & JOHNSON LLP  
1330 Connecticut Avenue, NW  
Washington, DC 20036-1795  
Tel: (202) 429-6420

Attachments: Appendices A-C

CERTIFICATE OF TRANSMISSION

I hereby certify that the attached correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at Facsimile Number (571) 273-8300 on 12/30, 2008

By:

  
Hortense G. Coleman

JUN 04 2009



US007421774B2

(12) **United States Patent**  
**Yamazaki et al.**

(10) **Patent No.:** **US 7,421,774 B2**  
(45) **Date of Patent:** **Sep. 9, 2008**

(54) **WINDING METHOD FOR STATOR OF MOTOR**

(75) **Inventors:** Akihiko Yamazaki, Fukui (JP); Kenzi Sasaki, Fukui (JP); Yasutake Seki, Fukui (JP); Koh Kajita, Gifu (JP)

(73) **Assignee:** Matsushita Electric Industrial Co., Ltd., Osaka (JP)

(71) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 419 days.

(21) **Appl. No.:** 10/529,036

(22) **PCT Filed:** Sep. 29, 2003

(86) **PCT No.:** PCT/JP03/12453

§ 371 (c)(1),  
(2), (4) **Date:** Mar. 24, 2005

(87) **PCT Pub. No.:** WO2004/032311

**PCT Pub. Date:** Apr. 15, 2004

(65) **Prior Publication Data**

US 2006/0042072 A1 Mar. 2, 2006

(30) **Foreign Application Priority Data**

Oct. 4, 2002 (JP) 2002-292164

(51) **Int. Cl.**  
**H02K 15/00** (2006.01)

(52) **U.S. Cl.** 29/596; 29/598; 29/605;  
242/432.1

(58) **Field of Classification Search** 29/596-598,  
29/605-609, 732-736; 242/432.4; 310/42,  
310/207; 140/91.1; 91.2  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,918,347 A \* 4/1990 Takaba ..... 310/179  
5,090,110 A \* 2/1992 Murakoshi et al. .... 29/596  
6,782,600 B2 \* 8/2004 Yamazaki et al. .... 29/596  
7,281,312 B2 \* 10/2007 Sadiku et al. .... 29/596

**FOREIGN PATENT DOCUMENTS**

JP 2000-270524 9/2000  
JP 2001-103716 4/2001  
JP 2001-119885 4/2001  
JP 2001-339917 12/2001  
JP 2002-78300 3/2002  
JP 2002-14216 5/2002

\* cited by examiner

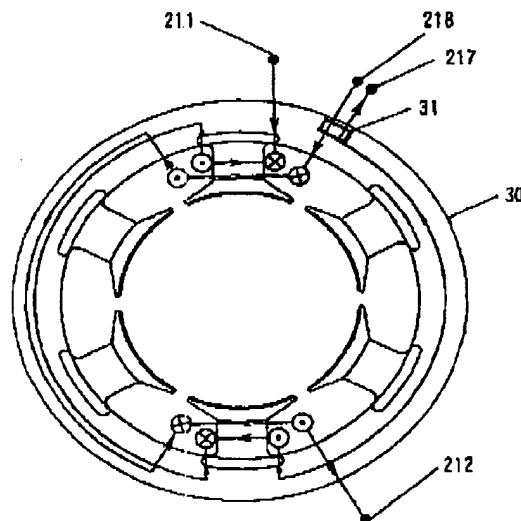
*Primary Examiner*—Minh Trinh

(74) *Attorney, Agent, or Firm*—Steptoe & Johnson LLP

(57) **ABSTRACT**

According to a nozzle winding method of causing a nozzle (41) to pass between adjacent magnetic poles (12) and rotating the nozzle (41) around the magnetic pole (12), winding is carried out until the rotating nozzle (41) interferes with wound coils (201 to 242), so that a high space factor is obtained. Thereafter, according to a cam winding method, winding is carried out in a space remaining in a slot while rotating the nozzle (41) in an area not interfering with the coils (201 to 242) in the slot, thereby achieving winding with a high space factor of coils in the entire space of the slot.

**5 Claims, 5 Drawing Sheets**



**APPENDIX A**

ATTY.DKT.28951:5379

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent of

Akihiko YAMAZAKI et al

Patent No.: 7,421,774

Issue Date: September 9, 2008

Title: WINDING METHOD FOR STATOR OF MOTOR

REQUEST FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 CFR 1.323

Commissioner of Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

ATTN: Certificate of Correction Branch

September 18, 2008

Sir:

It is respectfully requested that a Certificate of Correction be issued in order to correct the error made by applicant, as specified in the attached copy of the Certificate of Correction form (PTO/SB/44).

The requested change is to add the assignee, Hayashi Industrial Co., Ltd., Gifu, Japan.

Inasmuch as the requested correction is minor in nature, occurred in good faith, and is not believed to constitute new matter or require reexamination, issuance of a Certificate of Correction is respectfully requested.

The Commissioner is hereby authorized to charge the fee pursuant to 37 CFR 1.20(a) to Deposit Account 19-4293.

Respectfully submitted,

STEPTOE & JOHNSON LLP



Roger W. Parkhurst  
Registration No. 25,177

1330 Connecticut Avenue, NW  
Washington, DC 20036-1795  
Tel: (202) 420-6420

ADDENDUM B

JUN 04 2009 007

PTO/SB/44 (09-07)  
Approved for use through 08/31/2010. OMB 0851-0033  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,421,774 B2

Page 1 of 1

APPLICATION NO.: 10/529,036

ISSUE DATE : September 9, 2008

INVENTOR(S) : Akihiko YAMAZAKI et al

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(73) Assignees: Matsushita Electric Industrial Co., Ltd., Osaka (JP)  
Hayashi Industrial Co., Ltd., Gifu (JP)

MAILING ADDRESS OF SENDER (Please do not use customer number below):

STEPTOE & JOHNSON LLP  
1330 Connecticut Ave., NW  
Washington, DC 20036

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TO: ROGER W. PARKHURST/STEP & JOHNSON LLP COMPANY: 1330 CONNECTICUT AVENUE,



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



\*500488584\*

MARCH 27, 2008

PTAS  
ROGER W. PARKHURST/STEP & JOHNSON LLP  
1330 CONNECTICUT AVENUE, N.W.  
WASHINGTON, DC 20036-1795

**Received**

MAR 27 2008

Step & Johnson LLP  
Docketing Dept.

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/27/2008

REEL/FRAME: 020713/0369  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 28951.5379

**ASSIGNOR:**

MATSUSHITA ELECTRIC INDUSTRIAL  
CO., LTD.

DOC DATE: 06/04/2007

**ASSIGNEE:**

HAYASHI INDUSTRIAL CO., LTD.  
1363-1 SENDANBAYASHI  
NAKATSUGAWA-SHI, GIFU, JAPAN

509-9131

SERIAL NUMBER: 10529036

FILING DATE: 03/24/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD OF WINDING STATOR IN MOTOR

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov

**DOCKETED**

ADDENDUM C



06/04/2009 13:16 FAX  
USPTO

009

3/28/2008 11:48:02 AM PAGE 3/004 Fax Server

TO: ROGER W. PARKHURST/S & JOHNSON LLP COMPANY, 135 CONNECTICUT AVENUE,

020713/0369 PAGE 2

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

06/04/2009 13:16 FAX  
12/30/2008 16:40 FAX

STEPHIE JOHNSON

010  
001

RECEIVED  
CENTRAL FAX CENTER

JUN 04 2009

\*\*\*\*\*  
\*\*\* TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

TX/RX NO	2489
CONNECTION TEL	9#28951#5379#5712738300#
CONNECTION ID	
ST. TIME	12/30 16:35
USAGE T	04'21
PGS. SENT	7
RESULT	OK

ATTY.DKT.28951.5379

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent of

Akihiko YAMAZAKI et al

Patent No.: 7,421,774

Issue Date: September 9, 2008

Title: WINDING METHOD FOR STATOR OF MOTOR

VIA FACSIMILE

(571) 273-8300

ATTN: Office of Petitions

REQUEST UNDER 37 CFR 3.81(b)  
TO CORRECT ASSIGNEE NAME  
ON ISSUED PATENT

Office of Petitions  
Commissioner for Patents  
U.S. Patent & Trademark Office  
Alexandria, VA 22313-1450

Pursuant to 37 CFR 3.81(b), and responsive to the 10-06-08 (apparently) letter received October 8, 2008 from the Correction Branch, patentees, by their undersigned attorney, hereby respectfully request correction of the assignee name on U.S. Patent 7,421,774, a copy of the first page of which is attached hereto as Appendix A.

**DOCKETED**

Also attached hereto as Appendix B is a copy of the Request for Certificate of Correction

**EXHIBIT II**

10/529,036 WINDING METHOD FOR STATOR OF MOTOR

06-01-2009::14:40:42

**Transaction History**

Date	Transaction Description
10-07-2008	Post Issue Communication - Certificate of Correction Denied
09-09-2008	Recordation of Patent Grant Mailed
08-20-2008	Issue Notification Mailed
09-09-2008	Patent Issue Date Used In PTA Calculation
07-22-2008	Dispatch to FDC
07-21-2008	Application Is Considered Ready for Issue
07-11-2008	Issue Fee Payment Verified
07-11-2008	Issue Fee Payment Received
06-13-2008	Mail Notice of Allowance
06-10-2008	Document Verification
06-10-2008	Notice of Allowance Data Verification Completed
06-09-2008	Date Forwarded to Examiner
03-20-2008	Response after Ex Parte Quayle Action
03-20-2008	Request for Extension of Time - Granted
11-21-2007	Mail Ex Parte Quayle Action (PTOL - 326)
11-20-2007	Ex Parte Quayle Action
03-24-2005	Information Disclosure Statement considered
09-21-2007	Date Forwarded to Examiner
09-12-2007	Response to Election / Restriction Filed
09-12-2007	Request for Extension of Time - Granted
08-14-2007	Mail Restriction Requirement
08-06-2007	Requirement for Restriction / Election
03-01-2007	Case Docketed to Examiner in GAU
03-24-2005	Reference capture on IDS
02-06-2007	Transfer Inquiry to GAU
01-28-2007	IFW TSS Processing by Tech Center Complete
03-24-2005	Request for Foreign Priority (Priority Papers May Be Included)
03-24-2005	Information Disclosure Statement (IDS) Filed
03-24-2005	Information Disclosure Statement (IDS) Filed
03-24-2005	Preliminary Amendment
05-15-2006	Correspondence Address Change
12-07-2005	Transfer Inquiry to GAU
11-19-2005	Cleared by OIPE CSR
11-19-2005	Cleared by OIPE CSR
11-19-2005	Cleared by OIPE CSR
03-24-2005	371 Completion Date
10-14-2005	Application Dispatched from OIPE
10-14-2005	Notice of DO/EO Acceptance Mailed
03-24-2005	Initial Exam Team nn

NO  
12/20/08 dos.  
RECEIVED  
CENTRAL FAX CENTER  
JUN 04 2009

Close Window**EXHIBIT III**